MEMBERS

PRESENT AT THE

SALEM MEETING

OF

The American Association

FOR THE

ADVANCEMENT OF SCIENCE.

August 18th, 1869.

SALEM:

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A. A. Smith,
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J. C. Towne,
W. P. Upham,
R. P. Waters,
B. Webb, Jr.,
B. A. West,
S. G. Wheatland,
H. L. Williams,
E. B. Willson.

* These gentlemen were not present at the meeting.

† F. W. Putnam was appointed as Acting Permanent Secretary until the return of Prof. Lovering from Europe.

OFFICERS OF THE SECTIONS.

SECTION A.

MATHEMATICS, PHYSICS, AND CHEMISTRY.

Chairman.

Prof. JOSEPH HENRY, of Washington.

Secretary.

Prof. HENRY WURTZ, of New York, up to the 4th day.
Prof. DAVID MURRAY, of New Brunswick, N. J., for the rest of the session.

Sectional Committee.

Prof. G. F. BARKER, of New Haven, Conn.
Prof. WM. A. ROGERS, of Alfred Centre, N. Y.
Prof. DAVID MURRAY, of New Brunswick, N. J., up to 4th day.
Prof. JOHN FOSTER, of Schenectady, for the rest of the session.

SECTION B.

GEOLOGY AND NATURAL HISTORY.

Chairman.

Prof. L. AGASSIZ, of Cambridge.

Secretary.

Prof. T. STERRY HUNT, of Montreal, up to 3d day.
Rev. G. A. LEAKIN, for the rest of the session.

Sectional Committee.

Prof. O. C. MARSH, of New Haven.
Prof. E. D. COPE, of Philadelphia.
Dr. A. C. HAMLIN, of Bangor.

SUB-SECTION C. OF SECTION B.

ARCHÆOLOGY AND ETHNOLOGY.

Chairman.

Dr. E. G. SQUIER, of New York, up to 3d day.
Prof. A. GUYOT, of Princeton, N. J., for rest of the session.

Secretary.

WM. H. DALL, of Washington.

LIST OF MEMBERS

IN ATTENDANCE AT

THE SALEM MEETING.*

NAME.	PROFESSION.	RESIDENCE.	LODGINGS.
J. W. Foster,		Chicago,	W. C. Endicott.
The Misses Foster,		Chicago,	W. C. Endicott.
O. C. Marsh,	Prof. Yale Coll.,	New Haven,	Geo. P. Russell.
B. A. Gould,	Astronomer,	Cambridge,	Geo. Wheatland.
Philip T. Tyson,	Geologist,	Baltimore,	Gen. Sutton.
E. A. Dalrymple,	Clergyman,	Baltimore,	Gen. Sutton.
Henry Wheatland,	President E. I.	Salem,	21 Chestnut St.
F. W. Putnam,	Director P. A. S.,	Salem,	26 Andrew St.
James W. Harris,	Ass't Sec. of Asso.,	Cambridge,	Essex House.
Mrs. A. A. Harris,		Cambridge,	Essex House.
Daniel Read,	Pres. State Univ.,	Columbia, Mo.,	Essex House.
Henry C. Perkins,	Physician,	Newburyport,	Newburyport.
H. Carrington Bolton,	Chemist,	New York,	Ocean House.
Mrs. Jackson Bolton,		New York,	Ocean House.
John F. Boynton,	Geologist,	Syracuse, N. Y.	Mrs. Small.
I. A. Lapham,	Civil Engineer,	Milwaukie, Wis.	J. L. Russell.
Miss. Julia A. Lapham,		Milwaukie, Wis.	J. L. Russell.
Thomas Bassnett,		Ottawa, Ill.	J. L. Russell.
Miss. E. Bassnett,		Ottawa, Ill.	J. L. Russell.
Eli W. Blake, Jr.	Prof. Cornell Univ.,	Ithaca, N. Y.	Essex House.
J. Stanley Grimes,	Professor,	New York,	Essex House.
A. B. Engstrom,	Artist,	Burlington, N. J.	Essex House.
T. M. Stoughton,	Farmer,	Gill, Mass.	Dr. N R. Morse..
William Fenton,	Prof. Rens. Instit.,	Troy, N. Y.	Mrs. Strout.
John Johnston,	Prof. Wesl'y'n Univ.	Middletown, Ct.	Essex House.
Henry W. Williams,	M. D.,	Boston.	
Charles J. S. Bethune,	Clergyman,	Credit, Canada,	F. W. Putnam.
O. H. Fitch,	Lawyer,	Ashtabula, Ohio,	Mrs. Strout.
Nathaniel Paine,	Cashier,	Worcester,	Mrs. Geo. West.
Edward D. Cope,	Professor,	Philadelphia,	Dr. A. S. Packard.
Albert S. Bickmore,	Prof. Madison Coll.	New York,	Mrs. Strout.
John G. Morris,	Professor,	Baltimore,	Essex House.
C. A. Young,	Prof. Dart. College,	Hanover, N. H.	Dr. N. R. Morse.
Edward W. Morley,	Prof. W. Res. Coll.	Hudson, Ohio,	Mrs. Strout.
R. S. Fellows,		New Haven, Ct.	M. G. Wheatland.
Aaron R. Thompson,		New Haven, Ct.	M. G. Wheatland.

*This is intended only as preliminary to a perfect list of persons in attendance at the meeting, and will remain in type until the last day of the session for additions and corrections. Members will confer a favor by leaving any corrections or additional names with Mr. Harris, at the Treasurer's table, at as early a moment as possible.

W. C. Kerr,	Geologist,	Raleigh, N. C.	Mrs. A. Nichols.
N. T. True,	Geologist,	Bethel, Me.	James Kimball.
T. Sterry Hunt,	Geological Survey,	Montreal, Canada,	Wm. C. Endicott.
A. C. Hamlin,	Physician,	Bangor, Me.	Essex House.
W. W. Bailey,	U. S. Geolog. Sur.,	Providence, R. I.	Mrs. N. D. Cole.
Lewis H. Steiner,	Physician,	Frederick, Md.	
L. H. Morgan,	Ethnologist,	Rochester, N. Y.	W. S. Cleveland.
George W. Maynard,	Prof. Rens. Instit.	Troy, N. Y.	Mrs. Small.
Mrs. G. W. Maynard,		Troy, N. Y,	Mrs. Small.
Thomas Meehan,	Botanist,	Germantown, Pa.,	J. L. Russell.
Ebenezer Hance,	Surveyor,	Fallsington, Pa.,	
Benj. Silliman,	Prof. Yale College,	New Haven, Conn.	Judge Perkins.
N. T. Lupton,	Prof. Southern Univ.	Greensboro, Ala.,	D. F. Staten.
Mrs. N. T. Lupton.		Greensboro', Ala.,	D. F. Staten.
Clinton Roosevelt,	Lawyer,	New York, N. Y.,	John Hodges.
S. A. Lattimore,	Prof. Univ. Roches'r,	Rochester, N. Y.,	Judge Choate.
R. S. Stevens,	Prof. Amer. Inst.,	Brooklyn, N. Y.,	Dr. Batchelder.
Henry Wurtz,	Chemist,	New York,	Dr. Batchelder.
H. F. Walling,	Prof. Lafayette Coll.	Easton, Pa.,	Mrs. Small.
Charles A. Seely,	Chemist,	New York,	Mrs. Small.
J. Tingley,	Prof. Allegh'y Coll.,	Meadville, Pa.,	Judge Choate.
Pliny E. Chase,	Teacher,	Philadelphia,	Lynn.
Wm. H. Dall,	Naturalist,	Washington,	Lynn.
Porter C. Bliss,	Journalist,	New York,	D. Merritt.
W. R. Nichols,	Ass't Chemist, M. I. T.	Boston.	
Joseph Cummings,	Pres. Wesley'n Univ.	Middletown, Ct.,	J. C. Osgood.
Wm. A. Rogers,	Prof. Alfred Univ.	Alfred, N. Y.,	Judge Choate.
G. W. Hough,	Dir. Dudley Observ.	Albany, N. Y.,	
James H. Eaton,	Prof. Beloit Coll.,	Beloit, Wis.,	Daniel Varney.
W. A. Norton,	Prof. Yale Coll.,	New Haven, Ct.,	J. C. Osgood.
Henry S. Williams,	Palæontologist,	New Haven, Ct.,	W. S. Cleveland.
Wm. W. Patton,	Editor,	Chicago,	Prof. G.B.Jewett.
Wm. North Rice,	Prof. Wesley'n Univ.	Middletown, Ct.,	J. F. Almy.
Austin Bacon,	Agriculturist,	Natick,	
John M. Ordway,	Chemist,	Jamaica Plain.	
S. B. Woolworth,	Sec. Regent's Univ.,	Albany, N. Y.,	Rev. Mr. Palmer.
Samuel D. Tillman,	Sec. Amer. Inst.,	New York,	
Miss. E. M. Converse,		Providence, R. I.	C. M. Richardson.
Theodore Gill,	Zoologist,	Washington,	W. B. Ives.
Charles S. Hunt,	Journalist,	New York,	
J. Allen,	Pres. Alfred Univ.	Alfred, N. Y.	
J. P. Kimball,	Geologist,	New York, N. Y.	James Kimball.
Albert H. Tuttle,	Teacher,	Plattsville, Wis.,	James Emerton.
Oliver N. Bryan,	Geologist,	Maryland,	Mrs. Small.
George F. Barker,	Prof. Yale Coll.,	New Haven, Ct.,	Dr. G. B. Loring.
C. H. Hitchcock,	Prof. Dartm'th Coll.	Hanover, N. H.,	Dr. N. R. Morse.
Wm. W. Wheildon,	Editor,	Charlestown.	
John B. Perry,	Geologist,	Cambridge.	
E. N. Horsford,	Chemist,	Cambridge,	G. S. Nichols.
C. N. Ellinwood,	Physician,	San Francisco, Cal.	
David Murray,	Prof. Rutgers Coll.,	N Brunswick, N.J.,	J. C. Osgood.
Benj. Peirce,	Supt. U. S. C. S.,	Cambridge.	
Louis Agassiz,	Prof. Harvard Univ.,	Cambridge.,	Geo. Wheatland.
Hiram A. Cutting,	Merchant,	Lunenburgh, Vt.	
Wm. Ferral,	Mathematician,	Cambridge,	Cambridge.
Joseph Henry,	Sec'y Smiths. Ins.	Washington,	W. C. Endicott.

Arthur M. Edwards,	Professor,	New York.	A. C. Goodell.
J. F. Holton.		So. Malden,	M. A. Stickney.
F. W. Bardwell,	Mathematician,	Washington,	Mrs. N. D. Cole.
Henry Hartshorne,	Prof. Haverford Col.	Haverford, Pa.,	Mrs. N. D. Cole.
G. A. Mack,	Physician,	Cambridge.	
Robert E. C. Stearns,	Dir. Cal. Acad. Sci.	S. Francisco, Cal.,	Boston.
L. B. Hall,	Dartmouth Coll.	Hanover, N. H.,	Mrs. Strout.
E. Geo. Squier,	Archæologist,	New York,	B. Perley Poore.
Josiah Curtis,	Physician,	Boston,	Boston.
Charles Stodder,	Merchant,	Boston,	Boston.
Edward C. Pickering,	Prof. Physics,	Boston,	Mrs. N. D. Cole.
Gustavus Hinrichs,	Prof. State Univ.,	Iowa City,	D. Varney.
James Bushee,	Prof. Chem. & Phys.	Worcester, Mass.,	Essex House.
J. Borden Hambly,	Middleboro Com. Col.	Portsmouth, R. I.,	James Emerton.
Alpheus Crosby,	Prof. Dart. Coll.	Salem,	109 Federal st.
Georgo H. Marden,		Charlestown.	
Edward S. Morse,	Curator, P. A. S.,	Salem,	Linden street.
J. Edward Oliver,	Ass't Nau. Almanac,	Lynn,	Mrs. J. H. Chase.
C. Gilbert Wheeler,	Prof. Univ. Chicago,	Chicago.	
Miss Kate Horsford,		Cambridge.	
R. S. Turner,	Physician,	Reading, Pa.	
George A. Leakin,	Clergyman,	Baltimore,	Essex House.
George F. Walker,	Reporter,	Boston,	Boston.
Richard Frothingham,		Charlestown.	
R. E. Rogers,	Prof. Univ. of Penn.	Philadelphia.	
James Orton,	Prof. Vassar Coll.	Poughkeepsie,	J. O. Safford.
Mrs. J. Orton,		Poughkeepsie,	J. O. Safford.
C. R. Osten Sacken,	Con. Gen. of Russia,	New York,	Dr. A. S. Packard.
C. C. Parry,	Botanist,	Washington,	Dr. Bowdoin.
Alexander C. Twining,	Prof. & Civil Eng.,	New Haven, Ct.,	Miss Derby.
George H. Cook,	Geologist,	N Brunswick, N. J.	
Mrs. G. H. Cook,		New Haven, Ct.	
George R. Rosseter,	Prof. Marietta Coll.	Marietta, O.,	E. H. Payson.
Edward H. Elwell,	Editor,	Portland, Me.,	E. S. Morse.
Ch. Fred. Hartt,	Prof. Cornell Univ.	Ithaca, N. Y.,	W. S. West.
Mrs. C. F. Hartt,		Ithaca, N. Y.,	W. S. West.
Wayland Hoyt,	Clergyman,	Brooklyn, N. Y.,	8 Chestnut St.
Benjamin E. Valentine,	Lawyer,	Brooklyn, N. Y.,	Mrs. Valentine.
W. H. Niles,	Geologist,	Cambridge.	
George H. Perkins,	Zoölogist,	New Haven, Ct.	
Traill Green,	Chemist,	Easton, Pa.,	Boston.
George L. Vose,	Civil Engineer,	Paris, Me.,	Mr. Chandler.
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Mrs. Kate N. Doggett,		Chicago,	Essex House.
F. G. Sanborn,	Asst. Bost. Soc. N. H.	Boston,	C. Cooke.
Arnold Guyot,	Prof. College, N. J.	Princeton, N. J.,	Essex House.
R. H. Ward,	Physician,	Troy, N. Y.,	Mrs. Shatswell.
S. F. Peckham,	Chemist,	Providence, R. I.,	C. M. Richardson.
Charles A. Goessmann,	Prof. Amherst Coll.,	Amherst,	Dr. G. B. Loring.
Mrs. O. N. Rood,		New Haven, Ct.,	Essex House.
B. Pickman Mann,		Cambridge,	
A. S. Packard Jr..,	Curator, P. A. S.	Salem,	
Joseph Haven,	Prof. of Theology,	Chicago, Ill.,	Prof. G. B. Jewett.
G. W. Samson,	Pres. Columbia Coll.	Washington,	
D. H. Batchelder,	Physician,	Cranston., R. I.,	

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Joseph E. Chase.	Entomologist,	Holyoke,	
Mark Fisher,		Trenton, N. J.,	
L. F. Pourtales,	Naturalist,	Washington,	E. Putnam.
Jeffries Wyman,	Prof. Harv. Coll.,	Cambridge,	Cambridge.
Zach. Allen,		Providence, R. I.,	
J. E. Holbrook,	Physician,	Charleston, S. C.,	F. W. Putnam.
Charles W. Eliot,	Pres. Harv. Coll.,	Cambridge,	
Andrew D. White,	Pres. Cornell Univ.,	Ithaca, N. Y.,	
J. B. Edwards,	Prof. Chemistry,	Montreal,	
John Foster,	Prof. Union Coll.,	Schenectady, N.Y.	
R. Pumpelly,	Prof. Harv. Coll.,	Owego, N. Y.,	
C. Cooke,	Ass't P. A. S.,	Salem,	Hawthorne St.
S. I. Smith,	Ass't Zool. Y. C.,	New Haven,	F. W. Putnam.
Alpheus Hyatt,	Curator, P. A. S.,	Salem,	Linden St.
J. A. Allen,	Naturalist,	Cambridge,	
M. D. Hanover,	Lawyer,	Cincinnati, Ohio,	A. C. Goodell, jr.
L. Provancher,	Clergyman,	Quebec,	
L. S. Burbank,	Teacher,	Lowell,	
C. V. Riley,	Entomologist,	St. Louis,	F. W. Putnam.
J. D. Runkle,	Pres. Mass. In. Tech.	Boston,	M. G. Wheatland.
Ephraim Cutter,	Physician,	Woburn,	
Thos. R. Crosby,	Prof. Nat. Med. Coll.	Washington,	
B. F. Harrison,	Surgeon,	Wallingford, Ct.,	
J. C. Burroughs.	Pres. Univ. Chicago,	Chicago,	
Mrs. J. C. Burroughs,		Chicago,	
Miss E. E. Burroughs,		Chicago,	
C. M. Tracy,	Prof. Botany,	Lynn,	Lynn.
George W. Rogers,	Clergyman,	Lynn,	Lynn.
R. P. Whitfield,	Geologist,	Albany, N. Y.,	James Emerton.
P. R. Hoy,	Physician,	Racine, Wis.,	
E. L. Austin,	Physician,	Plymouth, Ohio,	
A. E. Verrill,	Prof. Zoölogy,	New Haven, Ct.,	F. W. Putnam.
H. B. Nason,	Prof. Chemistry,	Troy, N. Y.,	
R. C. Crampton,	Prof. Illinois Coll.,	Jacksonville, Ill.,	Mrs. Small.
J. S. Newberry,	Prof. Columbia Coll.	New York, N. Y.,	Dr. G. B. Loring.
E. B. Elliott,	Treasury Depart.,	Washington,	
J. Baxter Upham,	Physician,	Boston,	Boston.
Samuel Adams,	Prof. Illinois Coll.,	Jacksonville, Ill.,	
F. B. Hough,	Statistician.	Lowville, N. Y.,	
Miss Hough,		Lowville, N. Y.,	
Alexis Caswell,	Pres. Brown Univ.,	Providence, R. I.,	Dr. B. Cox.
Mrs. Caswell,		Providence, R. I.,	Dr. B. Cox.
John Torrey,	Botanist,	New York,	Essex House.
Miss Torrey,		New York,	Essex House.
Sanborn Tenney,	Prof. Williams Coll.	Williamstown,	Prof. Crosby.
Geo. H. Martin,	Teacher,	Bridgewater, Ms.,	
Mrs. Geo. H. Martin,		Bridgewater, Ms.,	
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J. H. Coffin,	Prof. Lafayette Coll.	Easton, Pa.	
J. H. Emerton,	Zoöl. Draftsman,	Salem,	
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Hugh D. Vail,		Philadelphia,	
J. W. S. Jenks,	Inst. Peirce Acad.	Middleboro, Mass.	Mrs. Manning.
William M. Canby,	Botanist,	Wilmington, Del.	
W. H. Stephens,	Geologist,	Lowville, N. Y.	

E. S. Ritchie,		Boston,
H. A. Hagen.	Dr. Med. Ph.	Cambridge,
B. Osgood Peirce,		Beverly,
Geo. I. Chase,		Providence, R. I.
John DeLaske,	Physician,	Falmouth, Me.
Fred. E. Stimpson,	Civil Engineer,	Jamaica Plain,
Chas. A. Walker,		Chelsea, Mass.
S. P. Langley,	Obs. West. Univ. Pa.	Alleghany, Penn.
C. G. Bush,	Microscopist,	Boston,
Geo. Hunt,	Entomologist,	Providence, R. I.
John Kendrick,	Prof. of Greek,	Marietta, O.
John E. Gavit,		New York, N. Y.
George Cogswell,	Physician,	Bradford,
Luther F. Locke,	Physician,	Nashua, N. H.
Jas. D. Warner,	Broker,	Brooklyn, N. Y.
T. H. Barnes,	Teacher,	Salem,
H. C. Hardon,		Boston,